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Claims:

Please amend the claims as in the following listing:

- 1. (Currently amended) A method for fabricating recording head sliders made from 1 silicon substrates with SiO₂ overcoats, comprising: 2 A) providing a Si wafer which has been fabricated with a SiO2 overcoat; 3 B) depositing a layer of DRIE-resistant material on said SiO₂ overcoat, wherein 4 said DRIE-resistant material is Al₂O₃; 5 C) depositing a patterned layer of RIE-resistant material on said layer of DRIE-6 resistant material to form a primary mask; 7 D) etching by RIE through said primary mask to pattern said SiO2 overcoat layer 8 and said layer of DRIE-resistant material; 9 E) removing said primary mask to expose said layer of DRIE-resistant material 10 which has now been patterned to form a secondary mask; 11 F) etching by DRIE through said secondary mask to cut said Si wafer into pieces; 12 13 and 14 G) removing said secondary mask. 2. (Original) The method of fabrication of claim 1, wherein: 1 said RIE-resistant material is a metal. 2 3. (Original) The method of fabrication of claim 1, wherein: 1 said RIE-resistant material is a transition metal. 2 4. (Previously amended) The method of fabrication of claim 1, wherein: 1 said RIE-resistant material is chosen from the group consisting of Cu, NiFe, and 2 3 transition metals. 1 5. (Canceled) 6. (Original) The method of fabrication of claim 1, wherein: 1 said C) depositing a patterned layer of RIE-resistant material on said layer of 2 DRIE-resistant material to form a primary mask comprises; 3 i) applying, exposing and developing photoresist to create the pattern; 4 ii) plating the layer of RIE-resistant material into the photo-resist pattern; and 5 6 iii) stripping the photo-resist.
- 7. (Original) The method of fabrication of claim 6, wherein said C) depositing a 1 patterned layer of RIE-resistant material on said layer of DRIE-resistant material to form 2 a primary mask further comprises; 3
- applying a seed layer of RIE-resistant material before applying said photoresist.

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1 2 3 4	8. (Original) The method of fabrication of claim 7, wherein: said D) etching by RIE further comprises: first sputter-etching away said seed layer of RIE-resistant material before RIE.
1 2	9. (Original) The method of fabrication of claim 1, wherein: said E) removing said primary mask is done by selective wet etching.
1 2	10. (Original) The method of fabrication of claim 1, wherein: said F) removing said secondary mask is done by selective wet etching.
1 2 3 4 5 6 7 8 9 10 11	 11. (Currently amended) A method for fabricating recording head sliders made from silicon substrates, comprising: A) producing a SiO₂ overcoat on said Si wafer; B) depositing a layer of DRIE-resistant material on said SiO₂ overcoat, wherein said DRIE-resistant material is Al₂O₃; C) depositing a RIE mask on said layer of DRIE-resistant material; D) etching by RIE through said RIE mask to pattern said SiO₂ overcoat layer and form a DRIE mask from said DRIE-resistant material; E) removing said RIE mask to expose said DRIE mask; F) etching by DRIE through said DRIE mask to cut said Si wafer; and G) removing said DRIE mask.
1 2	12. (Original) The method of fabrication of claim 11, wherein: said RIE-resistant material is a metal.
1 2	13. (Original) The method of fabrication of claim 11, wherein: said RIE-resistant material is a transition metal.
1 2 3	14.(Previously amended) The method of fabrication of claim 11, wherein: said RIE-resistant material is chosen from the group consisting of Cu, NiFe, and transition metals.
1	15. (Canceled)
1 2 3 4 5 6	 16. (Original) The method of fabrication of claim 11, wherein: C) depositing a RIE mask on said layer of DRIE-resistant material comprises; i) applying, exposing and developing photoresist to create the pattern; ii) plating the layer of RIE-resistant material into the photo-resist pattern; and iii) stripping the photo-resist.
1 2 3	17. (Original) The method of fabrication of claim 16, wherein:C) depositing a RIE mask on said layer of DRIE-resistant material further comprises:

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4 5	 i) applying a seed layer of RIE-resistant material before applying said photoresist.
1 2 3 4	18. (Original) The method of fabrication of claim 17, wherein: said D) etching by RIE further comprises: first sputter-etching away said seed layer of RIE-resistant material before RIE.
1 2	19. (Original) The method of fabrication of claim 11, wherein: said E) removing said RIE mask is done by selective wet etching.
1 2	20. (Original) The method of fabrication of claim 11, wherein: said F) removing said DRIE mask is done by selective wet etching.